

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

FLORIDA SECTION.

Alexander J. Mitchell, Meteorologist.

VOL. XX. JACKSONVILLE, FLORIDA, AUGUST, 1916. No. 8.

GENERAL SUMMARY.

In contradistinction to July, which was a month of tropical disturbances—more so, possibly, than any July for several decades—August was quiescent most of the time with no abnormal features, save a deficiency in precipitation. No tropical disturbance approached the coast, the only suggestion of such being the shallow depression that moved northwestward from Porto Rico, and which approached the vicinity of Miami on the 25th, resulting in a maximum wind velocity of 40 miles an hour from the south, and 5.50 inches of rain in four hours. A moderate gale also prevailed at Pensacola, for a short time, on the 8th, due to somewhat unsettled conditions on the middle Gulf coast; the wind attained a maximum velocity of 52 miles an hour. The prevailing winds for the month were southeasterly, whereas they are usually southwesterly during August. As a whole, the month was not altogether favorable for some crops. Although showers occurred daily in some portions of the section, the middle of the month was rather droughty. Cotton and corn west of the Apalachicola River did not recover from the effects of the storm on July 4-5th, but an improvement took place in cane, peanuts, sweet potatoes and grasses. Cotton opened rapidly, and the first bale was marketed during the week ending the 8th. Citrus fruit was retarded by the dry weather, although the severity of the drought was broken on the lower southeast coast and, locally, elsewhere over the belt.

Excessive temperature during the summer is usually associated with deficient rainfall. The current month was no exception, although the excess, as a whole, was slight. About 20 per cent of the stations reported about normal rainfall. Rains were most abundant and better distributed in the several divisions on the following dates: The western, from the 4th to 8th; the northern, on the 6th and 7th with locally heavy rains on several other dates, and the central and southern, from the 1st to 11th, and during much of the last week of the month. Although showers fell daily over some portion of the section they were, as previously indicated, insufficient over much of the section. The greatest monthly rainfall, 12.57 inches, presents rather a lean aspect when compared with 31.26 and 24.76 inches in August 1898 and 1905, respectively.

The temperature was slightly higher than during July, although there were no periods of decidedly excessive heat. The warmest weather occurred generally during the second decade, chiefly on the 17th. Maxima of 100° occurred in all divisions, except the southern. In the last named division the mean temperature was more frequently below, than above, the normal, the average daily deficiency for the month being about 1.5° at the regular stations of the Bureau. The nights were generally pleasant, 18 or 20 stations reporting minima of 65° , or less. The mean for the month, 81.5° , compares not unfavorably with the coolest August of record— 80.1° in 1904.

TEMPERATURE.

The mean for the State, 76 stations reporting, was 81.5° , or 0.1° above the normal. The greatest daily range, 32° , occurred at several stations in the central division. The highest mean temperature, 84.1° , was recorded at Long Key; the lowest mean, 79.0° , occurred at Davie. The highest temperature for the month was 102° at Middleburg on the 17th; the lowest, 61° , was recorded at Orange City on the 20th.

PRECIPITATION.

The average for the State, 85 stations reporting, was 6.07 inches, or 1.48 inches below the normal. The greatest monthly amount, 12.57 inches, occurred at Griffin; the least monthly, 0.85 inch, occurred at Cedar Keys. The greatest 24-hour amount was 6.12 inches at Miami on the 25-26th.

MISCELLANEOUS.

Halos—Lunar: Sand Key on the 7th, 10th, 12th and 13th.

Halos—Solar: Key West on the 9th and 25th; Miami on the 23d; Sand Key on the 26th and 29th.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE DATA.

| Stations. | Atmospheric pressure. (Reduced to sea-level.) | | | | Wind. | | | | Relative Humidity. | | Percentage of sunshine. | |
|-----------------|--|----------|-------|---------|-------|--------------------------------|----------------------|------------|-----------------------|--------|----------------------------|----|
| | Mean. | Highest. | Date. | Lowest. | Date. | Average hourly velocity. | Maximum velocity. | Direction. | Mean. | 7 A.M. | Mean. | |
| Jacksonville... | 30.04 | 30.27 | 11 | 29.82 | 24 | 9.4 | 52 | s. | 11 | 83 | 78 | 69 |
| Key West.... | 30.00 | 30.22 | 11 | 29.78 | 25 | 9.8 | 36 | e. | 31 | 75 | 76 | 70 |
| Miami.... | 30.04 | 30.26 | 11 | 29.77 | 25 | 8.8 | 40 | s. | 25 | 79 | 79 | 63 |
| Pensacola.... | 30.02 | 30.24 | 12 | 29.83 | 24 | 10.1 | 52 | sw. | 8 | 83 | 76 | 79 |
| Sand Key.... | 29.99 | 30.19 | 12 | 29.77 | 24 | 14.0 | 50 | se. | 1 | 79 | 79 | .. |
| Tampa.... | 30.04 | 30.26 | 11 | 29.80 | 24 | 5.8 | 38 | n. | 18 | 82 | 75 | 70 |

COMPARATIVE DATA FOR AUGUST.

| Year. | Temperature. | | | | Precipitation. | | | | Number of days. | | | | |
|----------|--------------|------------|----------|---------|----------------|------------|----------------------|---------------------|--------------------------|--|--------|----------------|---------|
| | Mean. | Departure. | Highest. | Lowest. | Average. | Departure. | Greatest Monthly. | Least Month- ly. | Greatest in 24 hours. | With precipi- tation (0.01 inch or more) | Clear. | Partly cloudy. | Cloudy. |
| 1892.... | 80.9 | -0.5 | 101 | 67 | 7.84 | +0.42 | 13.74 | 1.59 | ... | 14 | 8 | 17 | 6 |
| 1893.... | 81.5 | +0.1 | 102 | 63 | 6.68 | -0.74 | 11.10 | 1.94 | 4.80 | 13 | 9 | 16 | 6 |
| 1894.... | 81.0 | -0.4 | 97 | 65 | 7.33 | -0.09 | 13.67 | 1.02 | 5.26 | 15 | 11 | 16 | 4 |
| 1895.... | 81.3 | -0.1 | 99 | 60 | 6.20 | -1.22 | 9.92 | 1.08 | 3.25 | 14 | 9 | 17 | 5 |
| 1896.... | 82.0 | +0.6 | 100 | 58 | 5.81 | -1.61 | 14.57 | 1.7 | 4.53 | 11 | 12 | 16 | 3 |
| 1897.... | 81.6 | +0.2 | 104 | 65 | 6.68 | -0.74 | 12.41 | 1.91 | 5.17 | 13 | 11 | 14 | 5 |
| 1898.... | 80.8 | -0.6 | 97 | 58 | 12.96 | +5.54 | 31.26 | 5.34 | 7.51 | 18 | 8 | 15 | 4 |
| 1899.... | 82.2 | +0.8 | 102 | 62 | 6.62 | -0.80 | 11.80 | 2.02 | 3.65 | 12 | 11 | 16 | 4 |
| 1900.... | 82.4 | +1.0 | 104 | 64 | 4.20 | -3.22 | 16.05 | 0.28 | 3.97 | 9 | 13 | 16 | 12 |
| 1901.... | 80.4 | -1.0 | 99 | 64 | 10.58 | +3.16 | 19.75 | 4.01 | 6.10 | 18 | 7 | 17 | 5 |
| 1902.... | 82.1 | +0.7 | 105 | 57 | 4.60 | -2.82 | 9.18 | 0.92 | 3.92 | 11 | 14 | 12 | 5 |
| 1903.... | 82.4 | +1.0 | 102 | 63 | 6.58 | -0.56 | 14.79 | 2.47 | 3.62 | 14 | 11 | 14 | 6 |
| 1904.... | 80.1 | -1.3 | 101 | 61 | 7.40 | -0.02 | 17.46 | 2.53 | 4.28 | 14 | 11 | 14 | 6 |
| 1905.... | 80.9 | -0.5 | 102 | 59 | 11.22 | +3.80 | 21.76 | 3.14 | 8.17 | 18 | 7 | 15 | 4 |
| 1906.... | 81.4 | 0.0 | 100 | 62 | 7.20 | -0.22 | 20.89 | 1.61 | 4.48 | 14 | 11 | 15 | 5 |
| 1907.... | 81.4 | -0.6 | 101 | 62 | 5.97 | -1.45 | 12.20 | 2.16 | 4.30 | 12 | 14 | 13 | 4 |
| 1908.... | 81.1 | -0.3 | 103 | 61 | 6.67 | -0.75 | 18.24 | 1.11 | 5.48 | 13 | 12 | 14 | 5 |
| 1909.... | 81.9 | +0.6 | 103 | 65 | 7.50 | +0.12 | 14.59 | 1.75 | 5.03 | 15 | 10 | 15 | 6 |
| 1910.... | 80.6 | -0.7 | 69 | 61 | 8.72 | +1.33 | 16.16 | 0.38 | 6.34 | 13 | 9 | 13 | 2 |
| 1911.... | 80.7 | -0.5 | 100 | 60 | 9.01 | +1.20 | 17.73 | 3.31 | 12.50 | 15 | 11 | 13 | 7 |
| 1912.... | 81.5 | +0.2 | 100 | 61 | 5.83 | -1.84 | 14.09 | 1.19 | 3.43 | 12 | 12 | 14 | 5 |
| 1913.... | 80.7 | -0.5 | 101 | 62 | 6.87 | -0.53 | 16.09 | 1.00 | 7.47 | 14 | 9 | 16 | 6 |
| 1914.... | 81.7 | +0.6 | 101 | 60 | 5.70 | -1.72 | 11.51 | 0.99 | 5.44 | 13 | 10 | 15 | 6 |
| 1915.... | 82.7 | +1.4 | 102 | 63 | 6.92 | -0.86 | 20.70 | 0.92 | 15.45 | 12 | 12 | 14 | 5 |
| 1916.... | 81.5 | +0.1 | 102 | 61 | 6.07 | -1.48 | 12.57 | 0.85 | 6.12 | 12 | 12 | 13 | 6 |

ERRATA.

June, 1916.—Fellsmere page 44: Greatest precipitation in 24 hours should be 1.43 inches. Ocala, page 44: Greatest precipitation in 24 hours should be 2.64 inches.

Climatological Data for August, 1916.

| Stations. | Counties. | Elevation, feet. | Length of record, years. | Temperature, in degrees Fahrenheit. | | | | Precipitation, in inches. | | | | Number of days. | | | | Prevailing direction of wind. | Observers. | | | |
|---------------------------|-----------|------------------|--------------------------|-------------------------------------|----------------------------|-----------------|-----------------|---------------------------|-----------------|-----------------------|--------|----------------------------|-----------------------|-------------------|--------------------------------|-------------------------------|----------------|----------------------|------------------------|-------------------|
| | | | | Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Date. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Snowfall, inches. | With 30 or more precipitation. | Clear. | Partly cloudy. | | | |
| <i>Northern Division.</i> | | | | | | | | | | | | | | | | | | | | |
| Archer | Alachua | 92 | 31 | 81.8 | +0.6 | 100 | 17 | 62 | 20 | 29 | 6.02 | -1.64 | 1.81 | 0 | 12 | 20 | 7 | 4 | R. T. Heagy. | |
| Bristol | Liberty | 65 | 79.6 ^a | 80.8 | -0.6 | 96 | 16 | 65 | 8 | 57.4 | ..... | 1.90 | 0 | 12 | 27 | ..... | ..... | ..... | Miss Myrtie L. Turner. | |
| Carrabelle | Franklin | 10 | 17 | 80.8 | +1.6 | 99 | 18 | 68 | 31 | 4.84 | -2.32 | 1.96 | 0 | 9 | 11 | 17 | 3 | J. J. Blomquist. | | |
| Cedar Keys | Levy | 10 | 27 | 83.4 ^a | +1.6 | 97 | 18 ^b | 70 | 20 ^b | 24 | 0.85 | -7.42 | 0.50 | 0 | 2 | 11 | 14 | 6 | S. T. White. | |
| Crescent City | Putnam | 45 | 18 | 80.8 | -1.1 | 98 | 14 | 66 | 2 | 26 | 4.96 | -2.22 | 1.36 | 0 | 15 | 11 | 14 | 6 | Walter Cliff. | |
| Federal Point | do | 10 | 24 | 82.4 | +1.2 | 100 | 17 | 68 | 2 | 28 | 4.65 | -2.45 | 1.39 | 0 | 12 | 10 | 16 | 5 | E. S. Hubbard. | |
| Fenholloway | Taylor | 75 | 9 | 81.4 ^a | ..... | 99 | 16 | 65 | 20 | 29 | 9.06 | ..... | 3.74 | 0 | 9 | 7 | 22 | 2 | J. Wigglesworth. | |
| Fernandina | Nassau | 15 | 23 | 81.5 ^a | +0.5 | 95 | 12 ^b | 70 | 11 ^b | 23 | 6.62 | +0.46 | 1.98 | 0 | 11 | 6 | 11 | 14 | F. C. Pennington. | |
| Gainesville | Alachua | 176 | 20 | 81.4 | -0.3 | 97 | 15 ^b | 66 | 20 | 27 | 7.12 | +0.25 | 3.94 | 0 | 18 | 3 | 25 | 3 | E. R. Flint. | |
| Hilliard | Nassau | 69 | 7 | 81.8 | ..... | 98 | 16 ^b | 65 | 20 | 27 | 4.38 | ..... | 1.07 | 0 | 15 | ..... | ..... | Mrs. J. B. Campbell. | | |
| Jacksonville | Duval | 222 | 45 | 81.6 | +1.5 | 95 | 17 | 70 | 20 | 21 | 6.76 | +0.55 | 2.25 | 0 | 15 | 8 | 17 | 6 | U.S. Weather Bureau. | |
| Jasper | Hamilton | 152 | 16 | 80.8 | -0.6 | 95 | 17 | 65 | 20 | 25 | 2.62 | -5.58 | 0.63 | 0 | 9 | 10 | 17 | 4 | ..... |  |
| Johnstown | Bradford | 125 | 17 | 80.8 | -0.6 | 95 | 17 | 65 | 20 | 25 | 2.62 | -5.58 | 0.63 | 0 | 9 | 10 | 17 | 4 | G. W. Coffin. | |
| Lake City | Columbia | 210 | 32 | 80.6 ^a | -0.3 | 97 ^b | 15 ^b | 65 | 20 ^b | 28 ^b | 2.88 | -3.78 | 1.00 | 0 | 10 | 7 | 18 | 6 | W. B. Knight. | |
| Live Oak | Suwanee | 109 | 27 | 82.2 ^a | +0.6 | 99 | 17 | 65 | 21 | 27 | 3.63 | -3.48 | 2.80 | 0 | 4 | ..... | ..... | W. L. Westbrook. | | |
| Macclenny | Baker | 125 | 20 | 81.0 | -0.6 | 98 | 17 | 63 | 21 | 27 | 3.48 | -3.75 | 0.96 | 0 | 9 | 9 | 11 | e. | C. M. Griffing & Co. | |
| Madison | Madison | 143 | 16 | 81.8 | +0.3 | 98 | 16 | 68 | 20 ^b | 24 | 8.78 | +1.51 | 2.35 | 0 | 10 | 7 | 9 | 15 | E. J. Vann. | |
| Melrose | Alachua | 163 | 2 | 82.8 ^a | ..... | 102 | 17 | 64 | 20 | 31 | 6.92 | ..... | 2.00 | 0 | 16 | 11 | 15 | 5 | H. von Noszky. | |
| Middleburg | Clay | 14 | 15 | 82.8 ^a | +1.7 | 102 | 17 | 64 | 20 | 31 | 6.19 | -0.45 | 1.85 | 0 | 10 | 4 | 16 | sw. | G. A. Chalker. | |
| Monticello | Jefferson | 207 | 12 | 80.4 | -0.1 | 97 | 16 ^b | 65 | 20 | 26 | 4.38 | -1.88 | 1.04 | 0 | 12 | 11 | 4 | ..... | C. W. Reed. | |
| Morton's Farm # | Duval | 1 | 10 | 81.0 | ..... | 100 | 17 | 67 | 26 | 28 | 3.75 | ..... | 0.80 | 0 | 9 | 17 | 11 | 3 | W. D. Morton. | |
| Mount Pleasant | Gadsden | 306 | 10 | 80.4 | -0.3 | 97 | 17 | 68 | 20 | 29 | 3.39 | -3.66 | 0.63 | 0 | 8 | 18 | 5 | 8 | Daniel Grubb, jr. | |
| Newport | Wakulla | 15 | 14 | 80.4 | -0.3 | 94 | 14 | 68 | 21 | 20 | 3.39 | -3.66 | 0.63 | 0 | 17 | 7 | 17 | 7 | Nathaniel Brewer jr. | |
| St. Augustine | St. Johns | 10 | 64 | 80.4 | -0.3 | 97 | 17 | 67 | 24 | 24 | 11.00 | ..... | 2.72 | 0 | 14 | ..... | ..... | J. E. Crutchfield. | | |
| Satsuma Heights | Putnam | 98 | 8 | 81.4 ^a | ..... | 97 | 15 | 66 | 20 | 26 | 11.68 | +5.26 | 2.00 | 0 | 10 | 10 | 12 | 9 | Satsuma Company. | |
| Switzerland | St. Johns | 14 | 23 | 81.0 | ..... | 97 | 15 | 66 | 20 | 26 | 11.68 | +5.26 | 2.00 | 0 | 10 | 10 | 12 | 9 | Mrs. W. C. Steele. | |
| Tallahassee | Leon | 192 | 29 | 81.8 | +2.0 | 98 | 16 | 67 | 20 | 26 | 2.54 | -4.50 | 0.85 | 0 | 10 | 10 | 12 | 9 | W. H. Markham. | |
| <i>Central Division.</i> | | | | | | | | | | | | | | | | | | | | |
| Bartow | Polk | 115 | 29 | 80.6 | -0.8 | 97 | 17 | 64 | 21 | 28 | 8.16 | +0.27 | 2.02 | 0 | 16 | 13 | 10 | 8 | William Hood. | |
| Bassenger (near) | Osceola | 40 | 3 | 81.2 | ..... | 96 | 17 | 67 | 21 | 26 | 5.06 | ..... | 2.12 | 0 | 9 | 1 | 18 | 12 | P. E. Tasler. | |
| Brooksville (1) | Hernando | 126 | 24 | 80.4 | -0.5 | 96 | 17 | 66 | 8 | 27 | 3.76 | -5.25 | 1.20 | 0 | 9 | ..... | ..... | A. Keathly. | | |
| Brooksville (2) | do | 4 | 80.3 | ..... | 98 | 17 | 62 | 20 | 31 | 6.47 | ..... | 1.08 | 0 | 17 | 11 | 15 | 5 | Bur. Plant Industry. | | |
| Clermont | Lake | 105 | 23 | 83.0 | +0.2 | 98 | 16 ^b | 68 | 21 | 24 | 4.71 | -2.82 | 1.49 | 0 | 12 | 20 | 9 | 2 | Geo. E. Bailey. | |
| Coleman | Sumter | 65 | 1 | 81.8 | +1.2 | 101 | 15 ^b | 65 | 20 | 32 | 8.20 | +0.76 | 2.00 | 0 | 15 | 5 | 25 | 1 | L. H. Cartthers. | |
| De Land | Volusia | 27 | 19 | 81.8 | +1.2 | 101 | 15 ^b | 65 | 20 | 32 | 8.20 | +0.76 | 2.00 | 0 | 15 | 5 | 25 | 1 | L. B. Hard. | |
| Ennis | Lake | 56 | 26 | 82.6 | +0.3 | 100 | 17 | 68 | 21 | 27 | 5.80 | -0.64 | 1.80 | 0 | 13 | 20 | 8 | 3 | C. T. Smith. | |
| Fellsmere | St. Lucie | 25 | 4 | 80.9 | ..... | 96 | 17 | 67 | 20 | 25 | 7.08 | ..... | 1.95 | 0 | 13 | 12 | 8 | 8. | W. A. Janes. | |
| Fort Meade | Polk | 125 | 27 | 81.8 | +0.5 | 98 | 17 | 66 | 21 | 28 | 9.18 | +0.10 | 1.79 | 0 | 14 | 17 | 10 | 4 | G. L. Brodrick. | |
| Fort Pierce | St. Lucie | 10 | 15 | 82.2 | +1.2 | 96 | 16 | 69 | 7 | 20 | 2.98 | -3.14 | 1.12 | 0 | 7 | 12 | 16 | 3 | T. C. Nicholson. | |
| Inverness | Citrus | 43 | 17 | 81.0 | +0.1 | 95 | 17 | 66 | 20 | 24 | 8.03 | +0.59 | 2.13 | 0 | 11 | 8 | 17 | 6 | W. H. Miller. | |
| Isleworth # | Orange | 65 | 24 | 82.8 ^a | +0.6 | 99 | 17 | 68 | 21 | 26 | 4.67 | -2.37 | 1.60 | 0 | 7 | 16 | 6 | 9 | A. Q. Lancaster. | |
| Kissimme | Osceola | 65 | 24 | 82.8 ^a | +0.6 | 99 | 17 | 68 | 21 | 26 | 3.89 | ..... | 1.11 | 0 | 12 | ..... | ..... | W. L. Poulik. | | |
| Lakeland | Polk | 227 | 1 | 81.2 | ..... | 94 | 17 | 68 | 21 | 23 | 6.54 | ..... | 1.80 | 0 | 13 | 8 | 19 | 4 | A. J. Holoworthy. | |
| Lucerne Park | do | 4 | 82.5 | ..... | 98 | 17 ^b | 67 | 20 | 23 | 6.54 | ..... | 2.64 | 0 | 10 | 6 | 19 | 6 | se. | L. D. Niles. | |
| Lynne (near) | Marion | 2 | 1 | 81.8 | ..... | 97 | 17 | 67 | 21 | 26 | 7.01 | ..... | 2.64 | 0 | 12 | ..... | ..... | se. | | |
| Malabar | Brevard | 28 | 24 | 82.0 | +0.1 | 98 | 26 | 68 | 21 | 26 | 1.34 | -3.62 | 0.48 | 0 | 8 | ..... | ..... | J. F. Farley. | | |
| McDonald | Orange | 175 | 19 | 79.6 | -1.9 | 100 | 17 | 62 | 21 | 32 | 3.83 | -3.12 | 0.83 | 0 | 15 | 24 | 6 | 1 | J. B. Escott. | |
| Merritts Island # | Brevard | 20 | 33 | 81.3 | -0.2 | 93 | 15 ^b | 70 | 27 | 29 | 2.96 | -2.57 | 1.69 | 0 | 9 | 22 | 4 | F. Ulrich. | | |
| New Smyrna | Volusia | 14 | 31 | 81.1 | +1.1 | 96 | 13 | 66 | 21 | 26 | 2.29 | -3.61 | 1.40 | 0 | 7 | 6 | 21 | 4 | F. J. Nordman. | |
| Ocala | Marion | 98 | 24 | 79.6 | -1.7 | 95 | 17 | 66 | 3 | 24 | 6.94 | -0.55 | 1.75 | 0 | 20 | ..... | ..... | F. G. B. Weilhe. | | |
| Orange City | Volusia | 39 | 22 | 80.6 | -1.2 | 100 | 15 ^b | 61 | 20 | 32 | 4.76 | -2.26 | 0.95 | 0 | 17 | 8 | 22 | 1 | E. J. Irchard. | |
| Orlando | Orange | 111 | 24 | 84.0 | +1.9 | 101 | 17 | 68 | 28 | 26 | 5.92 | -1.23 | 1.98 | 0 | 11 | 17 | 12 | 2 | W. S. Branch. | |
| Pinellas Park | Pinellas | 20 | 4 | 81.2 | ..... | 95 | 17 | 69 | 2 | 22 | 5.14 | ..... | 1.00 | 0 | 17 | 19 | 9 | 3 | Miss Lillian German. | |
| Plant City | Hillsboro | 121 | 23 | 81.3 | ..... | 101 | 17 | 67 | 21 | 26 | 7.57 | -1.66 | 2.00 | 0 | 13 | ..... | ..... | E. B. Trask. | | |
| Rockwell | Marion | 54 | 14 | 81.8 ^a | +0.1 | 97 | 17 | 66 | 21 | 26 | 7.85 | -0.88 | 1.20 | 0 | 10 | ..... | ..... | Dunelon Phos. Co. | | |
| St. Cloud | Osceola | 2 | 18 | 81.3 | ..... | 96 | 15 ^b | 68 | 27 | 24 | 3.65 | -1.87 | 0 | 8 | 14 | 15 | 2 | se. | R. G. Reynolds. | |
| St. Leo | Pasco | 190 | 21 | 80.4 | -1.0 | 96 | 17 | 68 | 31 | 21 | 11.15 | +1.82 | 2.36 | 0 | 18 | 15 | 12 | 6 | Gerard Schneider. | |
| St. Petersburg | Pinellas | 1 | 8 | 82.6 | ..... | 95 | 17 | 69 | 2 | 17 | 5.94 | ..... | 1.73 | 0 | 15 | 16 | 9 | 6 | The Independent. | |
| Sanford | Seminole | 25 | 8 | 81.4 | ..... | 98 | 17 | 67 | 25 | 27 | 2.20 | ..... | 0.73 | 0 | 10 | 12 | 11 | 8 | H. C. Dubose. | |
| Tampa | Hillsboro | 104 | 26 | 81.7 | +0.3 | 95 | 17 | 69 | 1 | 22 | 8.76 | +0.17 | 2.21 | 0 | 13 | 5 | 16 | 10 | U.S. Weather Bureau. | |
| Tarpon Springs | Pinellas | 20 | 31 | 81.6 | +0.4 | 96 | 16 | 67 | 20 | 25 | 4.33 | -5.46 | 1.97 | 0 | 8 | 9 | 17 | 5 | A. P. Albaugh, M. D. | |
| Titusville | Brevard | 16 | 20 | 80.8 | -0.4 | 97 | 14 | 67 | 2 | 24 | 6.31 | +0.92 | 1.88 | 0 | 14 | 12 | 10 | 9 | F. M. Taylor. | |
| <i>Western Division.</i> | | | | | | | | | | | | | | | | | | | | |
| Apalachicola | Franklin | 24 | 12 | 81.8 | +0.1 | 98 | 18 | 71 | 26 | 25 | 7.88 | +0.03 | 2.84 | 0 | 14 | 15 | 9 | 7 | w. | A. F. Whiteside. |
| Bonifay | Holmes | 111 | 16 | 81.6 | -0.2 | 97 | 17 ^b | 68 | 27 | 26 | 4.24 | -0.44 | 2.25 | 0 | 6 | 3 | 14 | 1 | s. | William Rush. |
| De Funik Springs | Walton | 193 | 18 | 81.7 | +0.9 | 99 | 18 | 68 | 26 | 26 | 5.57 | -3.67 | 1.68 | 0 | 13 | 14 | 16 | 1 | sw. | W. O. H. Shepard. |
| Garniers (near) | Oktaloosa | 22 | 3 | 79.4 | ..... | 95 | 1 | | | | | | | | | | | | | |

Daily precipitation for August, 1916.

55. Weather Bureau. The weather information for the 24 hours ending at 12 M. S. T. is as follows:

*** Regular Weather Bureau station: precipitation is for the 24-hour period, midnight to midnight. Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. * Precipitation included in the next following measurement.
T Trace, or less than 0.01 inch.

Trace offices until 6:30 P.M.

Daily temperatures for August, 1916.

| Stations. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Mean. |
|---------------------------|---------|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|----|----|----|----|----|----|----|-----|----|------|-------------------|-------------------|------|-------|
| <i>Northern Division.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cedar Keys | 94 | 90 | 92 | 94 | 91 | 85 | 85 | 88 | 86 | 88 | 91 | 95 | 94 | 92 | 94 | 95 | 97 | 97 | 91 | 94 | 92 | 96 | 96 | 95 | 95 | 92 | 90 | 91 | 90 | 92.2 | | |
| | Minimum | 72 | 71 | 72 | 74 | 72 | 76 | 75 | 78 | 72 | 74 | 75 | 76 | 76 | 75 | 76 | 76 | 78 | 76 | 70 | 70 | 74 | 75 | 78 | 77 | 90 | 89 | 89 | 91 | 74.5 ^a | | |
| Crescent City | 90 | 83 | 86 | 90 | 89 | 87 | 89 | 90 | 89 | 90 | 91 | 95 | 96 | 94 | 94 | 97 | 90 | 88 | 86 | 89 | 89 | 91 | 91 | 90 | 89 | 89 | 91 | 91 | 90.5 | | | |
| Fernandina | 65 | 60 | 69 | 72 | 72 | 70 | 69 | 68 | 72 | 69 | 69 | 69 | 73 | 74 | 75 | 74 | 73 | 71 | 72 | 69 | 73 | 73 | 71 | 72 | 73 | 70 | 71 | 72 | 71 | 71.2 | | |
| Gainesville §§ | 90 | 88 | 87 | 88 | 85 | 86 | 87 | 88 | 90 | 89 | 91 | 95 | 95 | 94 | 91 | 93 | 95 | 88 | 89 | 88 | 87 | 88 | 93 | 92 | 90 | 91 | 90 | 89 | 88 | 90.8 | | |
| Jacksonville | 91 | 87 | 90 | 89 | 85 | 86 | 90 | 90 | 92 | 92 | 91 | 92 | 94 | 92 | 94 | 94 | 95 | 85 | 86 | 83 | 83 | 90 | 91 | 92 | 93 | 92 | 91 | 92 | 88 | 89.7 | | |
| Lake City §§ | 89 | 89 | 86 | 94 | 89 | 84 | 86 | 89 | 94 | 93 | 90 | 90 | 96 | 96 | 97 | 97 | 94 | 77 | 78 | 70 | 72 | 70 | 71 | 75 | 75 | 72 | 72 | 70 | 73.2 ^b | | | |
| Live Oak | 72 | 70 | 70 | 69 | 74 | 70 | 70 | 69 | 70 | 71 | 70 | 69 | 68 | 71 | 73 | 74 | 74 | 68 | 65 | 65 | 70 | 71 | 71 | 71 | 72 | 69 | 69 | 69 | 70.3 | | | |
| Macclellan | 69 | 69 | 71 | 72 | 72 | 71 | 70 | 69 | 68 | 70 | 69 | 69 | 69 | 71 | 73 | 74 | 73 | 76 | 69 | 67 | 65 | 65 | 70 | 71 | 71 | 72 | 70 | 72 | 71.2 | | | |
| Madison §§ | 89 | 89 | 86 | 91 | 85 | 78 | 85 | 88 | 92 | 92 | 90 | 92 | 93 | 94 | 95 | 96 | 96 | 92 | 92 | 95 | 95 | 95 | 95 | 95 | 95 | 91 | 91 | 91 | 91.4 | | | |
| Monticello | 90 | 82 | 87 | 89 | 89 | 90 | 85 | 86 | 90 | 92 | 89 | 90 | 90 | 91 | 93 | 97 | 97 | 94 | 91 | 90 | 91 | 92 | 93 | 93 | 93 | 93 | 93 | 93 | 90.7 | | | |
| Mount Pleasant | 89 | 90 | 88 | 94 | 87 | 85 | 85 | 85 | 92 | 94 | 93 | 90 | 90 | 96 | 97 | 97 | 97 | 94 | 95 | 95 | 91 | 94 | 95 | 95 | 91 | 92 | 91 | 91 | 91.9 | | | |
| St. Augustine | 70 | 70 | 71 | 72 | 70 | 72 | 71 | 71 | 69 | 70 | 70 | 72 | 71 | 70 | 72 | 71 | 70 | 67 | 67 | 67 | 69 | 70 | 69 | 69 | 68 | 68 | 68 | 68 | 70.1 | | | |
| Tallahassee §§ | 89 | 89 | 85 | 88 | 93 | 81 | 85 | 86 | 89 | 91 | 89 | 93 | 94 | 95 | 95 | 98 | 96 | 97 | 93 | 92 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 91.4 | | | |
| <i>Central Division.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bartow §§ | 93 | 86 | 84 | 92 | 92 | 89 | 88 | 91 | 92 | 88 | 91 | 92 | 94 | 94 | 95 | 94 | 94 | 97 | 92 | 89 | 91 | 92 | 95 | 94 | 94 | 95 | 87 | 92 | 93 | 92 | 91.7 | |
| Bassenger (near) | 71 | 66 | 69 | 71 | 69 | 71 | 68 | 66 | 74 | 71 | 70 | 68 | 71 | 70 | 69 | 70 | 74 | 73 | 68 | 66 | 64 | 64 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69.6 | | |
| Brooksville (2) | 89 | 86 | 84 | 92 | 92 | 87 | 89 | 95 | 91 | 87 | 93 | 95 | 92 | 92 | 94 | 95 | 95 | 89 | 89 | 93 | 94 | 93 | 94 | 93 | 93 | 93 | 93 | 93 | 91.4 | | | |
| De Land | 69 | 66 | 68 | 72 | 71 | 71 | 68 | 64 | 70 | 69 | 69 | 69 | 69 | 68 | 71 | 70 | 71 | 68 | 62 | 65 | 65 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 68.6 | | | |
| Eustis §§ | 93 | 86 | 89 | 94 | 95 | 87 | 90 | 94 | 95 | 96 | 95 | 96 | 95 | 95 | 96 | 95 | 95 | 97 | 90 | 88 | 89 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95.5 | | | |
| Fort Pierce §§ | 88 | 84 | 88 | 83 | 89 | 82 | 88 | 88 | 84 | 89 | 90 | 91 | 94 | 90 | 91 | 90 | 90 | 88 | 88 | 88 | 92 | 88 | 95 | 94 | 94 | 93 | 93 | 93 | 93.5 ^b | | | |
| Inverness §§ | 92 | 86 | 89 | 90 | 89 | 85 | 87 | 90 | 92 | 86 | 90 | 91 | 92 | 93 | 94 | 95 | 94 | 88 | 85 | 90 | 91 | 91 | 92 | 92 | 92 | 92 | 92 | 90.5 | | | | |
| Kissimmee | 69 | 85 | 84 | 94 | 95 | 89 | 90 | 94 | 96 | 92 | 94 | 98 | 96 | 96 | 98 | 101 | 98 | 101 | 89 | 90 | 93 | 95 | 97 | 97 | 99 | 100 | 99 | 99 | 99.5 | | | |
| Malabar | 88 | 73 | 72 | 72 | 72 | 71 | 71 | 71 | 70 | 72 | 70 | 71 | 73 | 74 | 73 | 76 | 76 | 77 | 75 | 73 | 71 | 71 | 72 | 72 | 72 | 72 | 72 | 72 | 71.2 ^c | | | |
| Merritts Island | 87 | 85 | 85 | 87 | 87 | 88 | 88 | 85 | 87 | 87 | 85 | 87 | 88 | 91 | 92 | 93 | 93 | 86 | 87 | 88 | 88 | 89 | 89 | 90 | 92 | 92 | 92 | 92 | 91.2 | | | |
| Ocala | 90 | 86 | 83 | 89 | 87 | 85 | 88 | 89 | 87 | 87 | 87 | 88 | 88 | 89 | 90 | 92 | 94 | 92 | 93 | 95 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97.5 ^a | | | |
| Orlando §§ | 88 | 88 | 90 | 94 | 100 | 89 | 89 | 93 | 89 | 94 | 95 | 96 | 95 | 96 | 98 | 98 | 101 | 87 | 91 | 94 | 95 | 96 | 97 | 95 | 93 | 90 | 90 | 90 | 93.5 ^b | | | |
| St. Leo | 90 | 84 | 82 | 91 | 91 | 86 | 85 | 86 | 86 | 86 | 90 | 92 | 90 | 91 | 94 | 96 | 96 | 90 | 92 | 93 | 94 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95.1 | | | |
| Sanford §§ | 92 | 88 | 90 | 93 | 93 | 88 | 85 | 88 | 89 | 89 | 89 | 90 | 90 | 90 | 95 | 96 | 97 | 98 | 86 | 88 | 92 | 93 | 94 | 94 | 95 | 95 | 95 | 95 | 95.6 | | | |
| Tampa | 69 | 70 | 71 | 72 | 72 | 73 | 71 | 70 | 71 | 72 | 73 | 71 | 72 | 73 | 74 | 74 | 75 | 74 | 70 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 70.7 | | | |
| Tarpon Springs | 71 | 69 | 71 | 74 | 71 | 74 | 72 | 70 | 73 | 72 | 71 | 72 | 74 | 73 | 74 | 75 | 76 | 73 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71.8 | | | |
| Titusville | 73 | 67 | 73 | 73 | 70 | 72 | 68 | 68 | 77 | 73 | 70 | 73 | 71 | 72 | 73 | 74 | 71 | 70 | 69 | 71 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 71.9 | | | |
| <i>Southern Division.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Arcadia | 95 | 94 | 89 | 91 | 93 | 93 | 91 | 90 | 89 | 87 | 88 | 91 | 94 | 95 | 94 | 96 | 96 | 94 | 97 | 93 | 94 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 98.2 | | | |
| Avon Park | 88 | 85 | 36 | 91 | 90 | 89 | 87 | 86 | 90 | 86 | 90 | 92 | 94 | 93 | 95 | 93 | 96 | 91 | 90 | 91 | 92 | 93 | 94 | 93 | 93 | 93 | 93 | 93 | 90.8 | | | |
| Bradenton | 98 | 84 | 82 | 90 | 87 | 85 | 92 | 91 | 87 | 89 | 91 | 90 | 89 | 89 | 90 | 94 | 95 | 93 | 92 | 93 | 94 | 93 | 94 | 93 | 93 | 93 | 93 | 93 | 90.3 | | | |
| Davie | 69 | 81 | 85 | 88 | 88 | 88 | 89 | 88 | 88 | 88 | 88 | 89 | 89 | 89 | 90 | 91 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 88.0 | | | |
| Fort Lauderdale §§ | 88 | 88 | 88 | 88 | 90 | 89 | 89 | 88 | 86 | 89 | 90 | 91 | 92 | 93 | 94 | 94 | 95 | 96 | 96 | 97 | 96 | 97 | 96 | 97 | 96 | 97 | 96 | 97 | 97.0 | | | |
| Fort Myers §§ | 88 | 82 | 82 | 92 | 90 | 88 | 89 | 89 | 89 | 89 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 95 | 95 | 96 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97.3 ^b | | | |
| Homestead | 88 | 79 | 86 | 85 | 88 | 89 | 88 | 86 | 84 | 87 | 89 | 89 | 89 | 90 | 90 | 92 | 93 | 93 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 91.9 | | | |
| Hypoluxo | 89 | 81 | 85 | 88 | 90 | 90 | 88 | 85 | 81 | 85 | 89 | 89 | 89 | 89 | 89 | 90 | 91 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 88.2 | | | |
| Key West | 70 | 71 | 70 | 71 | 72 | 71 | 70 | 71 | 72 | 73 | 72 | 73 | 73 | 74 | 73 | 74 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 89.7 | | | |
| Miami (1) | 84 | 80 | 83 | 84 | 84 | 85 | 85 | 85 | 85 | 85 | 85 | 86 | 87 | 87 | 89 | 89 | 89 | 87 | 87 | 86 | 86 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85.3 | | | |
| Ritta | 91 | 85 | 90 | 91 | 92 | 91 | 92 | 92 | 92 | 92 | 92 | 93 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 92.9 | | | |
| Pensacola | 69 | 69 | 72 | 70 | 69 | 69 | 67 | 70 | 69 | 70 | 73 | 74 | 73 | 75 | 76 | 75 | 76 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 74.6 | | | |

^a, ^b, ^c, etc., indicate respectively 1, 2, 3, etc., days missing from record.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.